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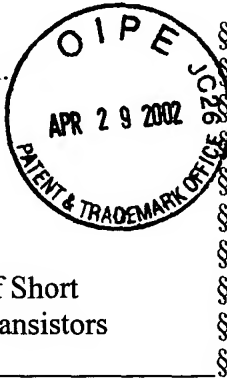
In re Application of:

Brian S. Doyle, et al.

Serial No. 10/045,376

Filed: November 9, 2001

For: Methodology for Control of Short
Channel Effects in MOS Transistors



Group Art: Not Yet Assigned

Examiner: Not Yet Assigned

#3
D. Scott
9-19-02

Commissioner of Patents
Washington, D.C. 20231

SUBMISSION OF INVENTION DISCLOSURE STATEMENT AND REFERENCES

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Respectfully submitted,

BLAKELY SOLOKOFF TAYLOR & ZAFMAN LLP

Date: 4-22-02

John Travis

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Seventh Floor
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BSTZ Austin

Serial/Patent No. Not Yet Assigned
Client: Intel Corporation
Title: Methodology for Control of Short Channel Effects in MOS Transistors
Filing/Issue Date: 11-9-01
BSTZ File No.: 42390P5768D
Date Mailed: 01-25-02
Atty/Sec'y Initials: WWK/aw (REH)
Docket Due Date: _____
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/045,376
	Filing Date	11-09-2001
	First Named Inventor	Brian S. Doyle, et al.
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number 42390P5768D

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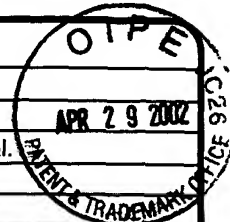
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Application Number 10/045,376
Filing Date 11-09-2001
First Named Inventor Brian S. Doyle, et al.
Group Art Unit Not Yet Assigned
Examiner Name Not Yet Assigned
Attorney Docket Number 42390P5768D



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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		G.A. HISHMEH & L. CARTZ, F. DESAGE, C. TEMPLIER, & J.C. DESOYER, R.C. BIRTCHER; Rare Gas Bubbles in Muscovite Mica Implanted with Xenon and Krypton; J. Mater. Res., Vol. 9 No. 12, December 1994, pp. 3095-3107.	
		REIJI YAMADA, STEVEN J. ZINKLE, G. PHILIP PELLIS; Microstructure of Al ₂ O ₃ and MgAl ₂ O ₄ Preimplanted with H, He, C and Irradiated with Ar ⁺ ions*; Elsevier Science B.V.; Journal of Nuclear Materials 209 (1994); pp. 191-203.	
		E.D. SPECHT, D.A. WALKO, & S.J. ZINKLE; Density Reduction: A Mechanism for Amorphization at High Ion Doses; Mat.Res.Soc.Symp.Proc. Vol. 316; 1994 Materials Research Society, pp. 241-246.	
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		N. MORIYA, Y. SHACHAM-DIAMOND, R. KALISH; Modification Effects in Ion-Implanted SiO ₂ Spin-on-Glass; J. Electrochem. Soc., Vol. 140, No. 5, May 1993, The Electrochemical Society, Inc., pp. 1442-1450.	
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		A. VAN VEEN, C.C. GRIFFIOEN, & J.H. EVANS; Helium-Induced Porous Layer Formation in Silicon; Material Research Society, Mat. Res. Soc. Symp. Proc. Vol. 107; pp. 449-454.	
		V. RAINERI, G. FALLICA, S. LIBERTINO; Lifetime Control in Silicon Devices by Voids Induced by He Ion Implantation; J. Appl. Phys. 79 (12). 15 June 1996, American Institute of Physics; pp. 9012-9016.	
		D.M. FOLLSTAEDT, S.M. MYERS, S.R. LEE, J.L. RENO, R.L. DAWSON & J. HAN; Interaction of Cavities and Dislocations in Semiconductors; Mat. Res. Soc. Symp. Proc. Vol. 438, 1997 Materials Research Society, pp. 229-234.	
		J.W. MEDERNACH, T.A. HILL, S.M. MYERS, AND T.J. HEADLEY; Microstructural Properties of Helium Implanted Void Layers in Silicon as Related to Front-Side Gettering; J. Electrochem. Vol. 143, No. 2, February 1996, The Electrochemical Society, Inc., pp. 725-735.	

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Application Number	10/045,376
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First Named Inventor	Brian S. Doyle, et al.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	42390P5768D

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